

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (canceled) .
2. (canceled) .
3. (canceled) .
4. (canceled) .
5. (canceled) .
6. (canceled) .
7. (canceled) .
8. (original) A method of screening for anti-carcinoma agents that interact with a PTK7 polypeptide, said method comprising:
  - (a) contacting said polypeptide with a candidate agent; and
  - (b) determining whether or not the candidate agent interacts with said polypeptide.
9. (original) The method according to claim 8, wherein the determination of an interaction between the candidate agent and PTK7 polypeptide comprises quantitatively detecting binding of the candidate agent and said polypeptide.
10. (original) A method of screening for anti-carcinoma agents that modulate the expression or activity of a PTK7 polypeptide comprising:
  - (i) comparing the expression or activity of said polypeptide in the presence of a candidate agent with the expression or activity of said polypeptide in

the absence of the candidate agent or in the presence of a control agent;  
and

- (ii) determining whether the candidate agent causes the expression or activity of said polypeptide to change.

11. (original) The method of claim 10, wherein the expression or activity of said polypeptide, is compared with a predetermined reference range.

12. (previously presented) The method of claim 10, wherein part (ii) additionally comprises selecting an agent which interacts with or modulates the expression or activity of said polypeptide for further testing, or therapeutic or prophylactic use as an anti-carcinoma agent.

13. (canceled) .

14. (canceled)

15. (canceled) .

16. (canceled) .

17. (canceled) .

18. (canceled) .

19. (canceled) .

20. (previously presented) The method according to claim 8, wherein the polypeptide is detected and/ or quantified using an antibody that specifically binds to a PTK7 polypeptide.

21. (original) The method of claim 20, wherein the antibody is conjugated to a detectable label, or a second antibody or a fragment thereof.

22. (canceled) .

23. (canceled) .

24. (canceled) .

25. (canceled) .

26. (canceled) .

27. (canceled) .

28. (canceled) .

29. (canceled) .

30. (canceled) .

31. (canceled) .

32. (canceled) .